

CLAIM LISTING

1. (currently amended) A computer readable medium having instructions for detecting a triggering event, determining if a print job designated time sensitive has expired following a detected triggering event and purging the print job from a memory upon determining the print job has expired, wherein the detected triggering event is a malfunction that prevents, at least temporarily, the print job from being delivered to or printed by a printer.

2. (currently amended) The medium of Claim 1, wherein the print job designated time sensitive includes expiration data and wherein the instructions for purging the print job from a memory upon determining the print job has expired include instructions for:
~~detecting a triggering event;~~
comparing a time elapsed following the triggering event with a duration specified by the expiration data; and
purging the print job if the time elapsed exceeds the duration specified by the expiration data.

3. (cancelled)

4. (cancelled)

5. (currently amended) A computer readable medium having instructions for:
detecting a triggering event;
determining if a print job stored in a memory has been designated time sensitive following a detected triggering event; and
if the print job has been designated time sensitive, obtaining expiration data for the print job, and, if the print job has expired according to the expiration data, purging the print job from the memory;
wherein the detected triggering event is a malfunction that prevents, at least temporarily, the print job from being delivered to or printed by a printer.

6. (currently amended) The medium of Claim 5 having further instructions for ~~detecting a triggering event and~~ comparing a time elapsed following the detected triggering event with a duration specified by the expiration data to determine if the print job has expired.

7. (original) The medium of Claim 5, wherein the memory is a printer memory and wherein:

the instructions for obtaining expiration data include instructions for obtaining expiration data relating to a duration that the print job is to be held in the printer memory; and

the instructions for purging include instructions for purging the print job from the printer memory.

8. (original) The medium of Claim 5, wherein the memory is a queue and wherein:

the instructions for obtaining expiration data include instructions for obtaining expiration data relating to a duration that the print job is to be held in the queue; and

the instructions for purging include instructions for purging the print job from the queue.

9. (currently amended) A computer readable medium having instructions for:
receiving instructions from an application to print an electronic document;
translating the instructions into a print job;
presenting a user interface having user accessible controls for designating the print job as time sensitive and for specifying expiration data; and
if so selected through the interface, designating the print job as time sensitive and including expiration data with the print job;
wherein the expiration data represents a duration for holding the print job in a memory and used to determine whether the print job has expired and is to be purged

from the memory following a detection of a malfunction that prevents, at least temporarily, the print job from being delivered to or printed by a printer.

10. (currently amended) The medium of Claim 9, wherein the instructions for presenting include instructions for presenting a user interface having user accessible controls for designating the print job as time sensitive and for specifying expiration data relating to a first duration for holding the print job in printer memory and a second duration for holding the print job in a queue prior to the print job being delivered from the queue to the printer memory.

11. (currently amended) A computer readable medium having instructions for: identifying a malfunction that prevents, at least temporarily, a print job stored in a memory from being ~~printed~~ delivered to or printed by a printer; upon identifying the malfunction, determining if the print job has expired; and if expired, purging the print job from the memory.

12. (original) The medium of claim 11 having further instructions for determining if the print job has been designated as a time sensitive, and wherein the instructions for purging include instructions for purging the print job only if it has been designated as a time sensitive print job.

13. (original) The medium of claim 11 wherein the memory is a queue and wherein the instructions for purging include instructions for purging the print job from the queue.

14. (original) The medium of claim 11 wherein the memory is a printer memory and wherein the instructions for purging include instructions for purging the print job from the printer memory.

15. (original) The medium of Claim 11 having further instructions for notifying a user if the print job has been purged.

16. (currently amended) A method for purging a print job, comprising determining if a print job designated as time sensitive has expired following a triggering event and purging the print job from a memory upon determining the print job has expired, wherein the detected triggering event is a malfunction that prevents, at least temporarily, the print job from being delivered to or printed by a printer.

17. (currently amended) The method of Claim 16, wherein the print job designated time sensitive includes expiration data and wherein purging the print job from a memory upon determining the print job has expired comprises:

~~detecting a triggering event;~~

comparing a time elapsed following the triggering event with a duration specified by the expiration data; and

purging the print job if the time elapsed exceeds the duration specified by the expiration data.

18. (cancelled)

19. (cancelled)

20. (currently amended) A method for purging a print job, comprising:

detecting a triggering event;

determining if a print job stored in a memory has been designated time sensitive;

if the print job has been designated time sensitive and a detected triggering event has occurred, obtaining expiration data associated with the print job, determining if the print job has expired, and, if the print job has expired according to the expiration data, purging the print job from the memory;

wherein the detected triggering event is a malfunction that prevents, at least temporarily, the print job from being delivered to or printed by a printer.

21. (currently amended) The method of Claim 20, further comprising ~~detecting a triggering event and~~ comparing a time elapsed following the ~~detected~~ triggering event with a duration specified by the expiration data to determine if the print job has expired.

22. (original) The method of Claim 20, wherein the memory is a printer memory and wherein:

obtaining expiration data comprises obtaining expiration data relating to a duration that the print job is to be held in the printer memory; and
purging comprises purging the print job from the printer memory.

23. (original) The method of Claim 20, wherein the memory is a queue and wherein:

obtaining expiration data comprises obtaining expiration data relating to a duration that the print job is to be held in the queue; and
purging comprise purging the print job from the queue.

24. (currently amended) A method for designating a print job as time sensitive, comprising:

receiving instructions from an application to print an electronic document;
translating the instructions into a print job;
presenting a user interface having user accessible controls for designating the print job as time sensitive and for specifying expiration data; and
if so selected through the interface, designating the print job as time sensitive and including expiration data with the print job;

wherein the expiration data represents a duration for holding the print job in a memory and used to determine whether the print job has expired and is to be purged from the memory following a detection of a malfunction that prevents, at least temporarily, the print job from being delivered to or printed by a printer.

25. (currently amended) The method of Claim 24, wherein presenting comprises presenting a user interface having user accessible controls for designating the print job

as time sensitive and for specifying expiration data relating to a first duration for holding the print job in printer memory and a second duration for holding the print job in a queue prior to the print job being delivered from the queue to the printer memory.

26. (currently amended) A method for purging a print job, comprising:
identifying a printer malfunction that, at least temporarily, prevents a print job stored in a memory from being ~~printed delivered to or printed by a printer~~,
upon identifying the malfunction, determining if the stored print job has expired;
and
if expired, purging the print job from the memory.

27. (original) The method of claim 26 further comprises:
determining if the print job has been designated as time sensitive; and
purging the print job only if it has been designated as a time sensitive print job.

28. (original) The method of claim 26 wherein the memory is a queue, and
wherein purging the print job includes purging the print job from the queue.

29. (original) The method of claim 26, wherein the memory is a printer memory,
and wherein purging the expired print job includes purging the expired print job from the printer memory.

30. (original) The method of claim 26, further comprising notifying a user that the print job has been purged.

31. (currently amended) A method for purging a print job, comprising:
designating the print job as a time sensitive print job;
queuing the time sensitive print job;
detecting a malfunction that, at least temporarily, prevents the time sensitive print job from being ~~printed delivered to or printed by a printer~~; and

purging the time sensitive print job from the queue if the malfunction is not remedied within a set time.

32. (currently amended) The method of Claim 31, further comprising:
sending the ~~queued~~ time sensitive print job from the queue to a printer memory;
detecting a malfunction that prevents the time sensitive print job in the printer memory from being printed; and
purging the printer memory of the time sensitive print job from the printer memory if the malfunction is not remedied within a set time.

33. (original) The method of claim 31, further comprising notifying a user if the print job has been purged.

34. (original) The method of Claim 31, further comprising associating expiration data with the time sensitive print job, and after detecting the malfunction using the expiration data to determine if the time sensitive print job has expired, and wherein purging comprises purging the time sensitive print job only if it has expired.

35. (currently amended) A system for printing, comprising:
an application capable of instructing an electronic document to be printed; and
a driver capable of translating printing instructions from an application into a print job and of allowing a user to designate the print job as time sensitive and to specify expiration data for the print job;
wherein the expiration data represents a duration for holding the print job in a memory and used to determine whether the print job has expired and is to be purged from the memory following a detection of a malfunction that prevents, at least temporarily, the print job from being delivered to or printed by a printer.

36. (currently amended) A print server, comprising:
a queue for temporarily holding a print job; and

a queue manager capable of detecting a triggering event, determining, upon detection of a triggering event, if the print job held in the queue is time sensitive, and, if time sensitive, determining if the print job has expired, and purging the print job from the queue if the time sensitive print job has expired;

wherein the detected triggering event is a malfunction that prevents, at least temporarily, the print job from being delivered to or printed by a printer.

37. (currently amended) The print server of Claim 36, wherein the print job is time sensitive and includes expiration data and wherein the queue manager is operable to determine if the print job has expired by:

~~detecting a triggering event; and~~

comparing a time elapsed following the detected triggering event with a duration specified by the expiration data.

38. (cancelled)

39. (cancelled)

40. (currently amended) An image forming device, comprising:

a print engine capable of printing information on print media;

a memory manager capable of storing a print job in a memory, routing the print job from the memory to the print engine, and purging the print job from the memory; and

a recovery feature capable of detecting a triggering event, identifying whether the print job held in the memory is time sensitive, and, if time sensitive and if a triggering event has been detected ~~occurred~~, determining if the print job has expired, and instructing the memory manager to purge the print job from the memory if the time sensitive print job has expired;

wherein the detected triggering event is a malfunction that prevents, at least temporarily, the print job from being printed.

41. (currently amended) The device of Claim 40, wherein the print job is time sensitive and includes expiration data and wherein the recovery feature is operable to determine if the print job has expired by:

~~detecting a triggering event; and~~

comparing a time elapsed following the detected triggering event with a duration specified by the expiration data.

42. (cancelled)

43. (currently amended) An image forming device, comprising:

a memory for storing a print job;

a print engine capable of printing information on print media;

a memory manager capable of storing the print job in the memory, routing the print job from the memory to the print engine, and purging the print job from the memory; and

a recovery feature capable of identifying a printer malfunction that prevents, at least temporarily, the print job from being printed, identifying whether the print job held in the memory is time sensitive, and, if time sensitive, instructing the memory manager to purge the print job from the memory if the time sensitive print job expires before the malfunction is remedied.

44. (original) A printer driver, comprising:

a means for receiving instructions from an application to print an electronic document;

a means for translating the instructions into a print job;

a means for presenting a user interface having user accessible controls for designating the print job as time sensitive and for specifying expiration data; and

a means for designating the print job as time sensitive and including expiration data with the print job if so selected through the interface;

wherein the expiration data represents a duration for holding the print job in a memory and used to determine whether the print job has expired and is to be purged

from the memory following a detection of a malfunction that prevents, at least temporarily, the print job from being delivered to or printed by a printer.

45. (currently amended) A system for purging a print job, comprising:

a means for storing the print job in memory;

a means for identifying a printer malfunction that, at least temporarily, prevents the stored print job from being ~~printed-delivered to or printed by a printer~~;

a means for determining, upon identifying the malfunction, if the stored print job has expired; and

a means for purging the print job, if expired, from memory.